



Joint Munitions Command

IBAT Status Tool for the Environmental Program (STEP) Database

Industrial Support Management Division

Report Documentation Page				Form Approved OMB No. 0704-0188	
Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.					
1. REPORT DATE JUN 2010		2. REPORT TYPE		3. DATES COVERED 00-00-2010 to 00-00-2010	
4. TITLE AND SUBTITLE IBAT Status Tool for the Environmental Program (STEP) Database				5a. CONTRACT NUMBER	
				5b. GRANT NUMBER	
				5c. PROGRAM ELEMENT NUMBER	
6. AUTHOR(S)				5d. PROJECT NUMBER	
				5e. TASK NUMBER	
				5f. WORK UNIT NUMBER	
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Joint Munitions Command,Industrial Support Management Division,1 Rock Island Arsenal,Rock Island ,IL,61299-6500				8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSOR/MONITOR'S ACRONYM(S)	
				11. SPONSOR/MONITOR'S REPORT NUMBER(S)	
12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 14-17 June 2010 in Denver, CO.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT Same as Report (SAR)	18. NUMBER OF PAGES 17	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			



Items of Discussion

- ☐ Background Information
- ☐ IBAT STEP Overview
- ☐ Current Efforts
 - ✓ Project Work Activities
 - ✓ JMC's Approach to Implementation
 - ✓ Training
- ☐ IBAT STEP Path Forward
 - ✓ Potential New Functionality
- ☐ Lessons Learned
- ☐ Summary and Open Discussion

Ready – Reliable – Lethal





Background Information on EPR Program

- ❑ Previous Army Environmental Program Requirements database dismantled in FY 2006
- ❑ IBAT STEP is designed to allow ease of access to installations and HQ personnel for environmental requirements tracking

IBAT = Industrial Base Assessment Tool

STEP = Status Tool for the Environmental Program

- ❑ The IBAT STEP program is based on the successful STEP program in use by the Army National Guard
- ❑ Program goal is to improve quality and efficiency of projects submitted for funding and allow JMC to determine environmental needs with minimal manpower constraints

Ready – Reliable – Lethal



SA/CSA Imperatives

Sustain
Prepare
RESET
Transform



Providing America's Warfighter with the Decisive Edge

ACQUIRE TEST
RESEARCH & DEVELOP
EQUIP SUPPLY
DISTRIBUTE SUSTAIN MAINTAIN
DISPOSE

Institutionalized
RESET
RESET 100%
BCTs

A Responsive
Adaptive
Acquisition
Process

Completed
BRAC

Right-sized
Depots
Arsenals
Ammo

Trained & Ready
Workforce

AMC
Tomorrow
Huntsville

Operate
as the
Materiel
Enterprise

Modernize
and
Equip the
Force

Challenges

- Persistent Conflict
- Aged Infrastructure



Opportunities

- Optimize Resources
- Collaboration
- BRAC
- New Administration

Establish the Materiel Enterprise



AMC
COMMUNITY

ASA(ALT)
COMMUNITY

INDUSTRY

INDUSTRY

ARFORGEN





IBAT STEP Overview

- ❑ IBAT family of application in use throughout JMC and JM LCMC
- ❑ Purpose: To provide a platform to track and review environmental requirements. The IBAT STEP database will provide the following:
 - ✓ Justification of funding dollars needed
 - ✓ Enhanced support to subordinate installations on current and future requirements
 - ✓ Enable an immediate, up to date, listing of potential projects
 - ✓ Open database; will have announced review periods
- ❑ LSS Green Belt project, “Environmental Priorities Required Management¹,” confirms what the IBAT STEP project started
- ❑ Another JMC LSS Green Belt project, “P2 Planning and Ultimate POM Development²,” further validates the essential need for a standardized project tracking database

¹ “Environmental Priorities Requires Management” September 2009.

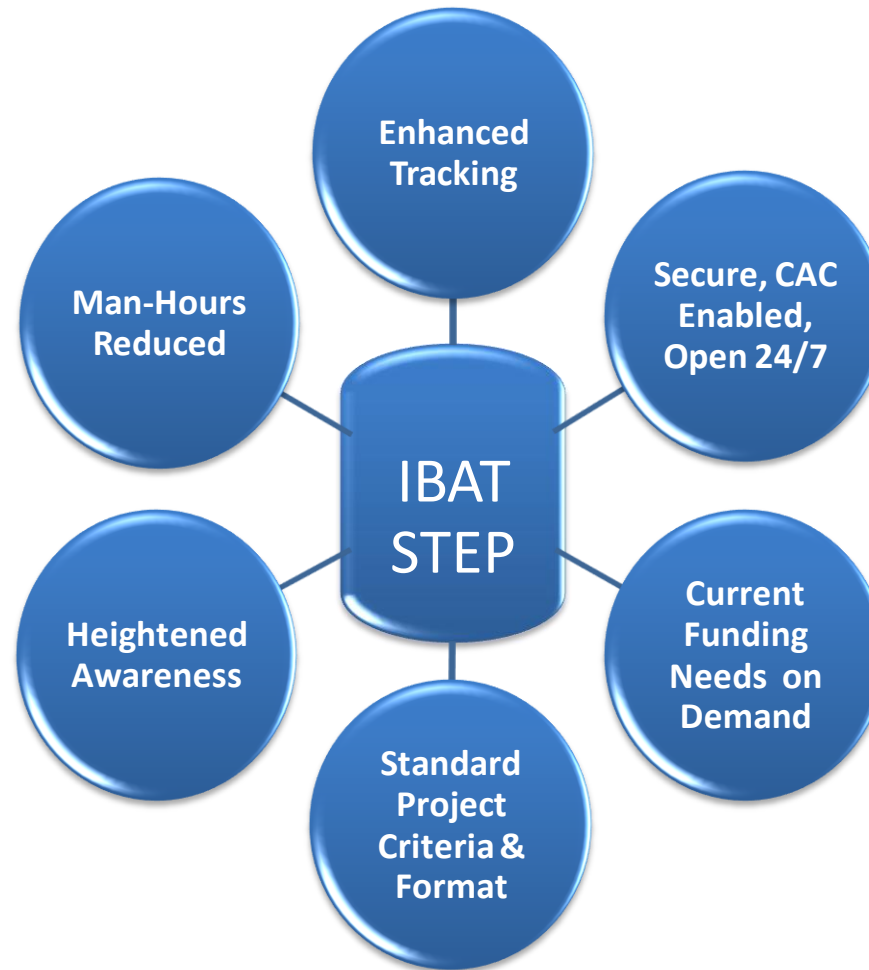
² “P2 Planning and Ultimate POM Development” November 2009.

Ready – Reliable – Lethal





Benefits of Use



Ready - Reliable - Lethal





Current Efforts

FY06: Dismantle
of Earlier EPR
System

FY08-09: Process
Investigation and
Development of
IBAT STEP System

Sept. 09:
Production
Launch of IBAT
STEP System

FY09: Phase I
Training
Conducted

FY09-10: Phase II
Training, Risk System
Development,
Review, and Funding
Approval Process
Operational

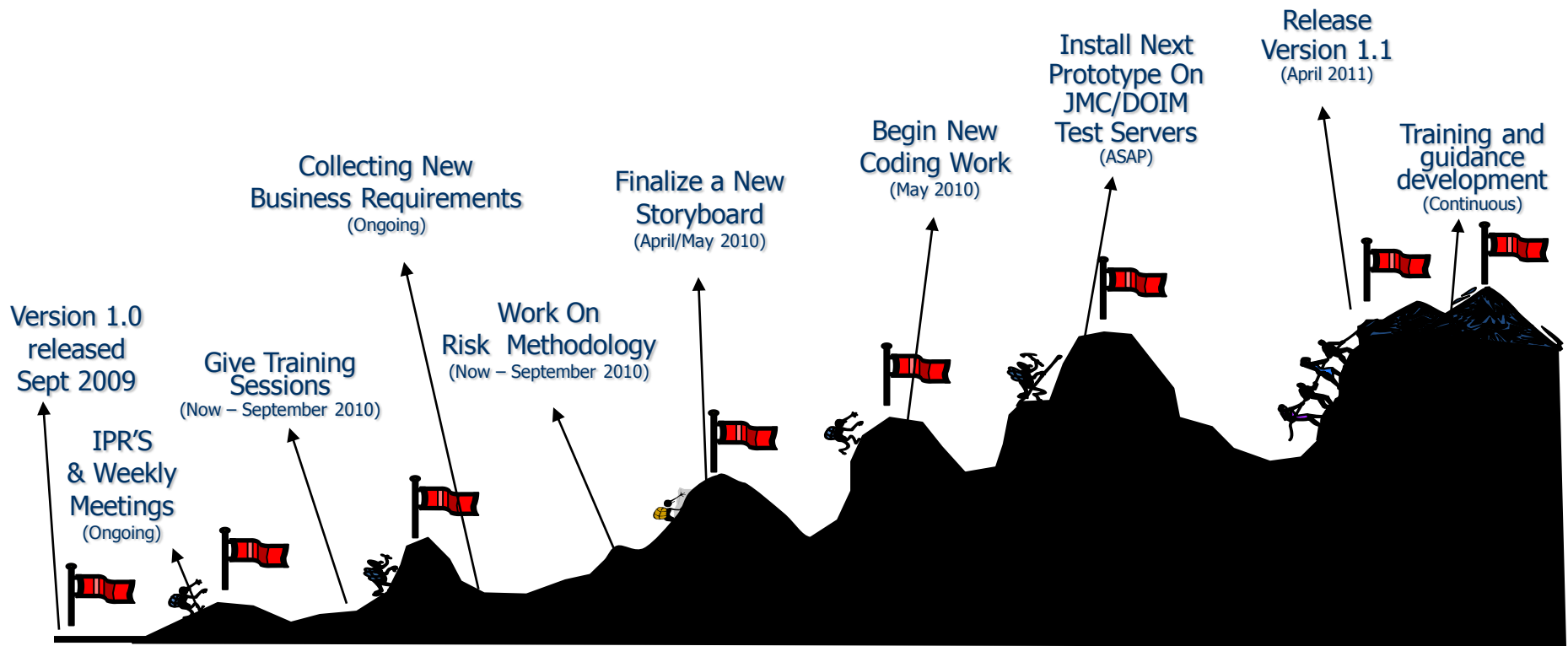
- ☐ Phase II Training Underway at JMC Locations
- ☐ Briefing to AMC leaders in March 2010
- ☐ HQ JMC based training and strategy sessions held in May 2010.
- ☐ Continuing to develop additional STEP modules and IBAT Risk system over the summer months and hope to begin development programming work in early FY11
- ☐ Direction from JMC leaders places requirement on installations to report to the IBAT STEP system beginning 1 October 2010. Training is underway and guidance is under development to meet this deadline

Ready – Reliable – Lethal





Project Work Activity Summary

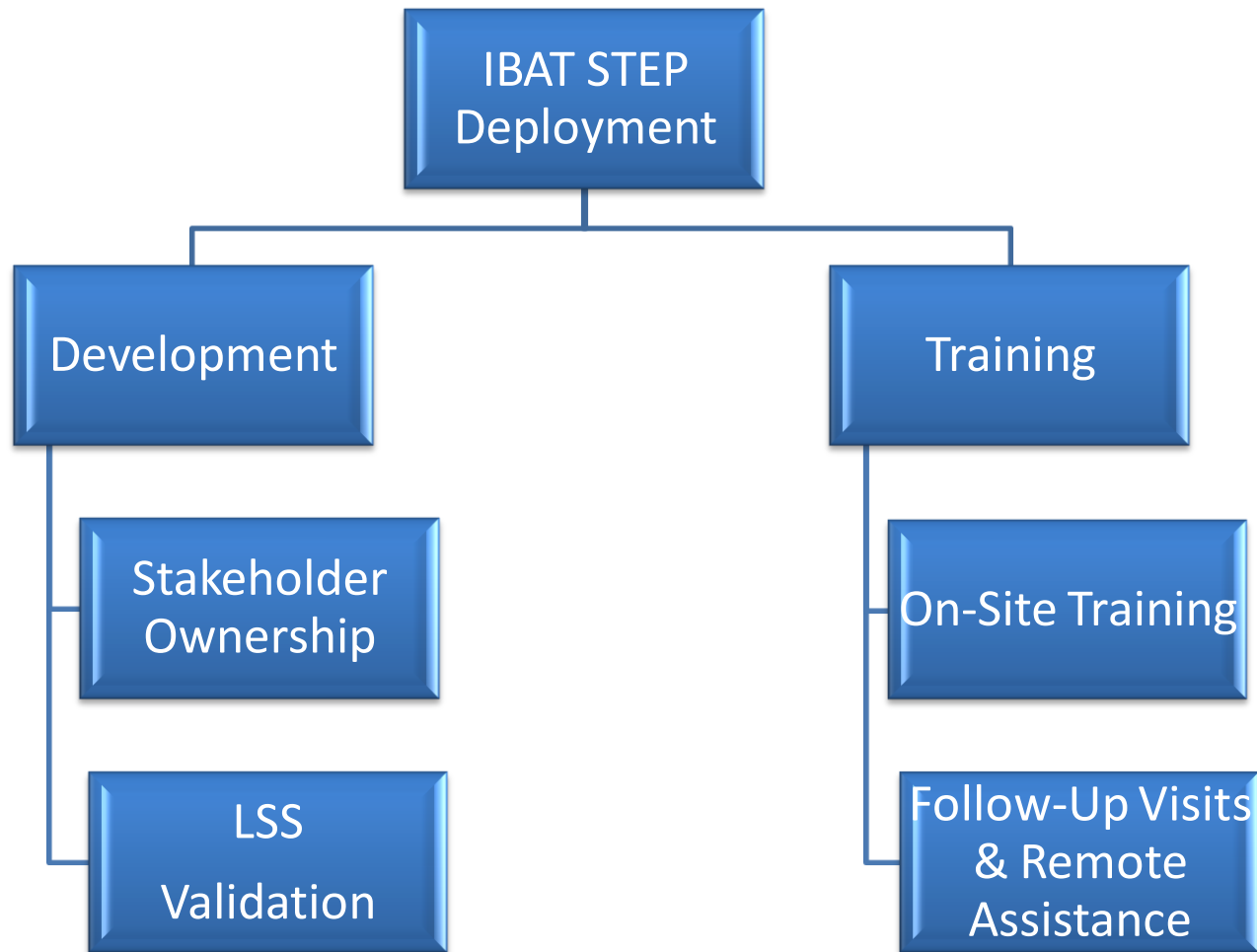


Ready – Reliable – Lethal





JMC's Approach to Implementation



Ready - Reliable - Lethal





Upcoming Training Sessions

Phase II Training: May – September 2010

HQ Based Training: 26, 27 May 2010

E2S2 Conference: 14-17 June 2010

Site Training for Army Leaders: TBD



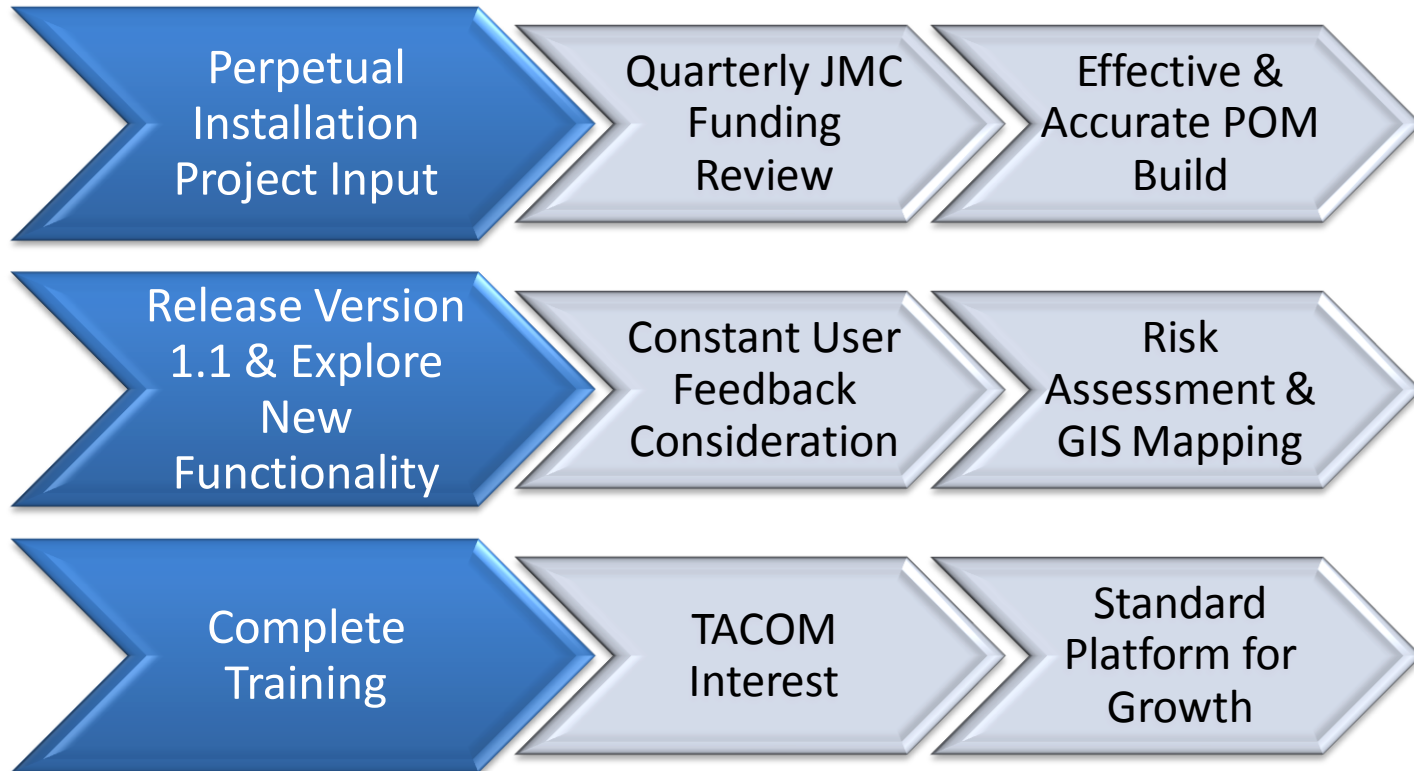
Phase I Training: October 2009 – April 2010 COMPLETED

Ready – Reliable – Lethal





IBAT STEP Path Forward



Ready - Reliable - Lethal





Potential New Functionality: *IBAT Risk Assessment Module*

STEP- Project Detail/Profile Screen

STEP -> View Projects -> View/Edit Project

< Previous

Next > Bottom ▾

Current Status of the Project: HQ-APP - Level 2 (Administrator)

Installation: P2? ☒

Read Only Info: INSNO: 61299JMCHQ49 State: HQ Catalog: Project #: JMCHQ-10-P01

Pillar: PWN- Pollution Prevention

LawReg: CAA- Clean Air Act

Program Area (ECAT): ENV- Emissions Inventories

Progress code: ANNUAL- Recurring - Annually

Discontinue Date: (mm/dd/yyyy)

Compliance status: OTHR- Essential Other

Compliance Date: (mm/dd/yyyy)

Class: 3 Must Fund: No Assessment: Low

Click here to Add / Edit / View Funding Information View Project History Previous FY Data

Risk Assessment

STEP- Prioritization System

STEP -> View Projects -> Edit/View Local Priority

Edit/VIEW LOCAL PRIORITY

Note: Changes in "Current Required" and "Obligated" will be reflected to the project profile

Select the Fiscal Year: 2010 Installation: - All -

(\$) Round each amount of money to nearest dollar

Project Number	Installation Name	Project Name	Current Required	Funded	Obligated	Class	LP	JMC Priority	Risk Score	Deadline Indicator
CAAA-09-C01	Crane Army Ammunition Activity	Install Acetone Still for Pyrotechnics Area				2H			###	
CAAA-09-P01	Crane Army Ammunition Activity	Test Ceramic Pad at ABG Flashing Pit	10154			3L			###	
CAAA-09-P02	Crane Army Ammunition Activity	Computed Radiography System Building 104	150000			3L			###	

Risk Module – Result Screen

Summary

Ammo: ###

Mission: ###

Environmental: ###

OH: ###

Safety: ###

Final Risk Score: ###

Previous

Return to Project Profile

Risk Identification Screen

1) Does proposed project address risks to production items, current mission, environmental, health, or safety factors?
A. Yes
B. No

2) Is the proposed training / project required by Federal/Army/State/ Local Regulation /laws or Executive order?
A. Yes
B. No

Back

Continue

Production and Mission Impact Identification Screen

Ammo Type: Ammo Type List

1) Can production items be produced without this project?
A. Yes B. No
Brief Narrative:

2) Impact on Mission?
A. Yes B. No
Brief Narrative:

Back

Continue

Risk Marker (ESOH Questionnaires) Index Screen

Risk Categories Media Areas AD

Risk cat

1) Environmental Compliance
a. Air Emissions
b. Hazardous Waste
2) Occupational Health
a. Ventilation
b. Waste Water

Status:
Completed Completed
Completed Completed

Back

SEE FINAL Risk Score

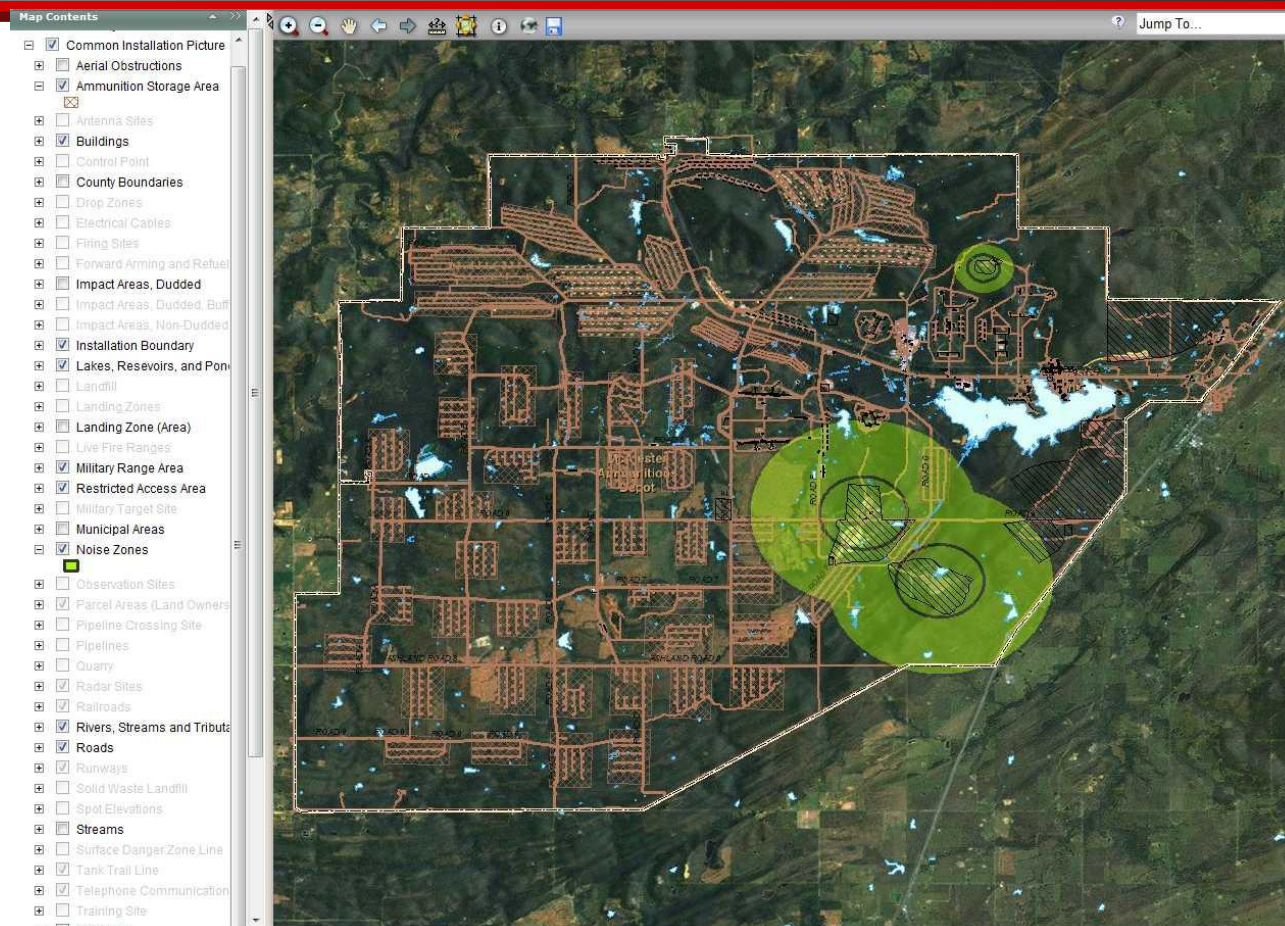
View Questionnaires

Ready – Reliable – Lethal

UNCLASSIFIED



Potential New Functionality: *GIS Mapping*



Graphical Display of the Noise Zones

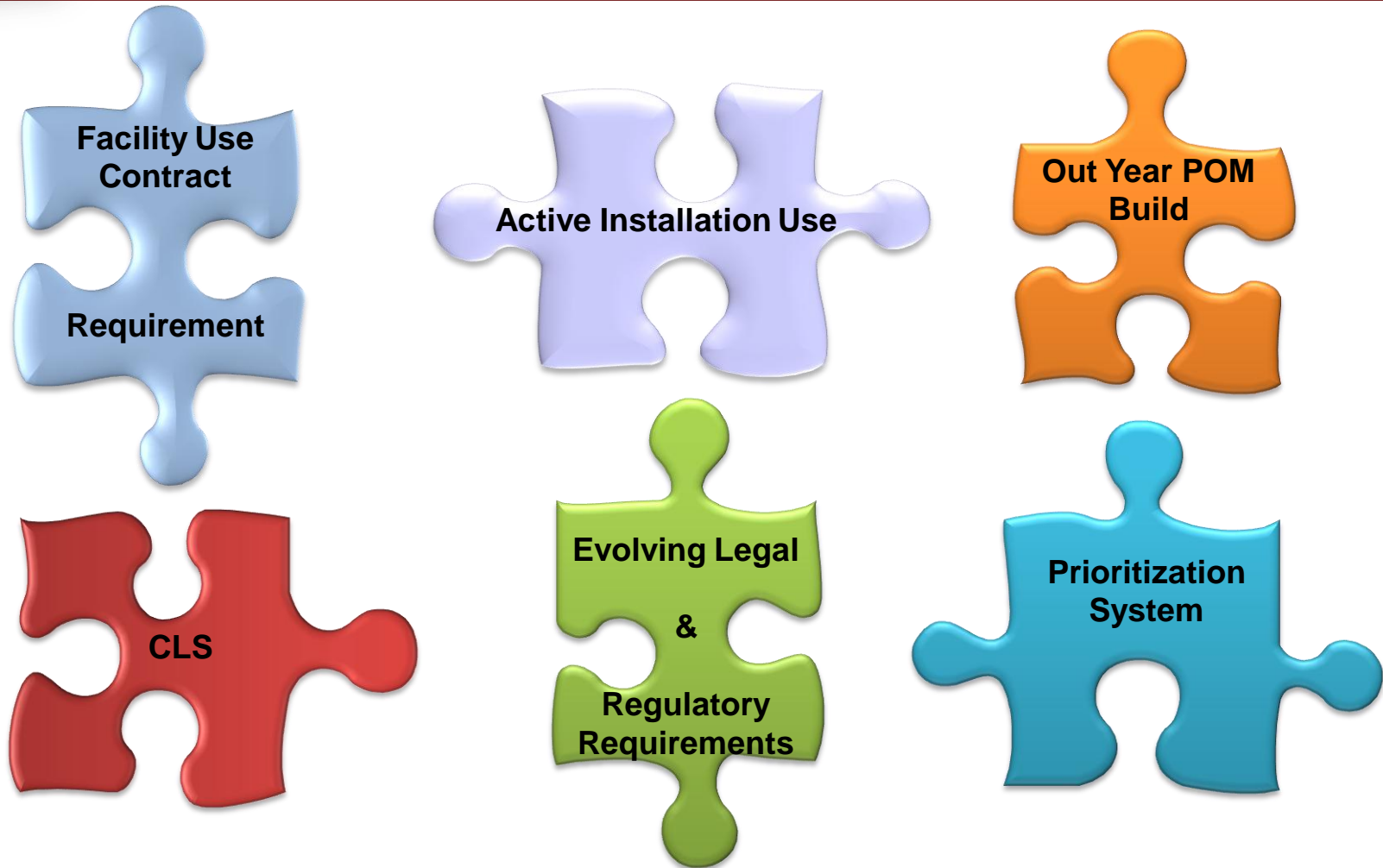
Ready - Reliable - Lethal

UNCLASSIFIED





Challenges and Lessons Learned Regarding Implementation



Ready - Reliable - Lethal





IBAT STEP Program Summary

Command without tracking platform since FY 2006

Designed to allow ease of access & captures "ALL" requirements (including MISSION)

Improved quality and efficiency of projects submitted & available 24/7

Secure System with unlimited access for growth and adaptability

Support from the Chain of Command is necessary for the success of the program

Ready - Reliable - Lethal





Program Demonstration

Decision Sciences Incorporated
Monday, 14 June @ 3:30pm
Sustainability, Room 203

Ready - Reliable - Lethal





Questions?

***Headquarters, US Army Joint Munitions Command
Industrial Support Management Division
ROCK-AMSJM-ISM@conus.army.mil***

Ready - Reliable - Lethal

